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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NO.: 1432.115.101/P29934 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 107528504 |
| INTERNATIONAL APPLICATION NO.: PCT/DE03/03123 | INTERNATIONAL FILING DATE: 19 September 2003 | PRIORITY DATE CLAIMED: 19 September 2002 |
| TITLE OF INVENTION: SWITCHING CIRCUIT ARRANGEMENT COMPRISING AN INTEGRATED REFERENCE ELECTRODE AND METHOD FOR PRODUCING SAID SWITCHING CIRCUIT ARRANGEMENT | | |
| APPLICANT(S) FOR DO/EO/US: LAST, first; PAULUS, Christian | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Other items or information: | | |

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV525782562US. Date of Deposit: March 18, 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vanessa Carels
Name of Person Making Deposit

Vanessa Carels
Signature

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|--|--------------|---|------------|---|-----------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 10/528504 | | INTERNATIONAL APPLICATION NO.: PCT/DE03/03123 | | ATTORNEY'S DOCKET NO.: I432.115.101/P29934 | |
| 21. The following fees are submitted: | | | | Applicant Use | Office Use Only |
| <input checked="" type="checkbox"/> a) Basic National Fee\$300.00 | | | | \$300.00 | |
| <input checked="" type="checkbox"/> b) Examination Fee\$200.00 | | | | \$200.00 | |
| <input checked="" type="checkbox"/> c) Search Fee\$500.00 | | | | \$500.00 | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | \$1000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| -100 = | /50 = | | x \$250.00 | \$0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 1-20 = | 0 | x \$50.00 | \$0.00 | |
| Independent Claims | 1-3 = | 0 | x \$200.00 | \$0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$360.00 | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,130.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| | | | | SUBTOTAL = | \$1,130.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) | | | | \$130.00 | |
| | | | | TOTAL NATIONAL FEE = | \$1,260.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. + | | | | \$0.00 | |
| | | | | TOTAL FEES ENCLOSED = | \$1,260.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 500471 in the amount of \$1,260.00 to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500471. A duplicate copy of this sheet is attached.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| <p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer No. 025281 PAUL P. KEMPF DICKE, BILLIG & CZAJA, PLLC 100 SOUTH FIFTH STREET SUITE 2250 MINNEAPOLIS, MN 55402</p> | | | | | |
|  <p>Signature</p> <p>Paul P. Kempf Name</p> <p>39,727 Registration Number</p> | | | | | |

Preliminary Amendment

Applicant: Christian Paulus

Serial No.: Unknown

(Priority Application No. DE 102 43 569.3)
(International Application No. PCT/DE03/03123)

Filed: Herewith

(Priority Date 19 September 2002)
(International Filing Date 19 September 2003)

Docket No.: I432.115.101/P29934

Title: SWITCHING CIRCUIT ARRANGEMENT COMPRISING AN INTEGRATED REFERENCE ELECTRODE AND METHOD FOR PRODUCING SAID SWITCHING CIRCUIT ARRANGEMENT

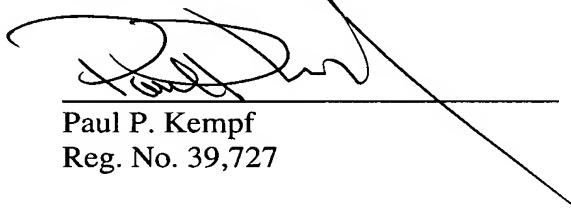
The Examiner is invited to contact the Applicant's representative at the below-listed telephone number to facilitate prosecution of this application.

Respectfully submitted,

Christian Paulus

By his attorneys,

DICKE, BILLIG & CZAJA, PLLC
Fifth Street Towers, Suite 2250
100 South Fifth Street
Minneapolis, MN 55402
Telephone: (612) 767-2502
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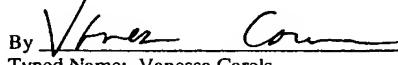
Paul P. Kempf
Reg. No. 39,727

Date: 3/18/05

PPK:cmj

"Express Mail Label No.: EV525782562US
Date of Deposit: March 18, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By 
Typed Name: Vanessa Carels